

greenish-white to pinkish-white to pale pink, very fine to medium grained, poorly sorted, feldspathic. Slightly to moderately dolomitic, with increasing amounts upward; quartz-muscovite and quartz-schist. From the base to about the upper half of the section, quartz-feldspar-schistose-schist with fine-grained gneiss with interbedded white, fine- to coarse-grained quartzite and buff to pink dolomitic marble. Garnet and chlorite porphyroblasts are common.

Formation contacts and lithologic changes shown on the lithologic logs are based solely on the well cuttings, and may not correspond exactly to changes in the geophysical logs. Cuttings were examined and lithology was determined by hand sample analysis, without the use of geophysical logs. Sample depth control was maintained, through the use of a carbide log, by Continental Laboratories Inc. for the Malta and Strevell wells, and by Core Laboratories, Inc. for the Naf well.

Geophysical logging was carried out by Dresser Atlas Wireline Services for the Naf well, and by the USGS borehole geophysics research program for the Malta well. The Malta well is blocked below 3,950 ft (1,200 m).

All depths are measured from the rotary kelly bushing 10 ft (3 m) above ground level except the geophysical logs for the Malta well which are measured from ground level.

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CONVERSION FACTORS

$$\begin{aligned} ^{\circ}\text{C} &= ^{\circ}\text{F} - 32 / 1.8(0.556) \\ \text{cm} &= \text{in.} / 2.54(0.3937) \\ \text{m} &= \text{ft.} / 3.281(0.3048) \\ 1/\text{sec} &= \text{gal/min.} / 0.0633 \\ \text{microseconds/n} &= \text{microseconds/ft.} / 0.1048 \end{aligned}$$

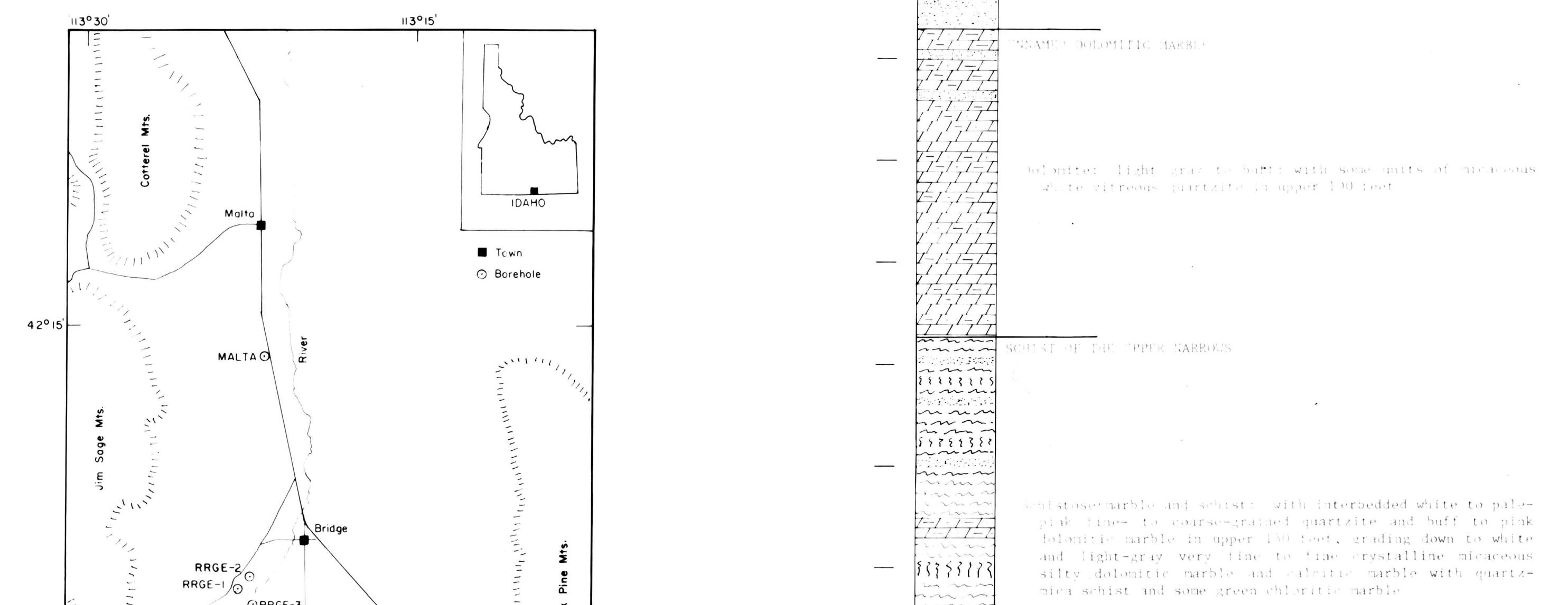
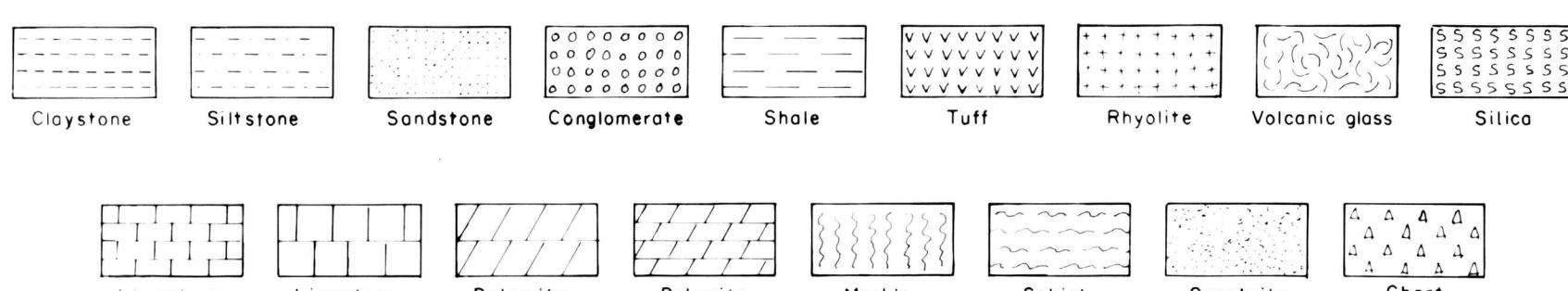
WELL-NUMBERING SYSTEM

These well numbers indicate the locations of wells within the official rectangular subdivisions of the public lands, with reference to the base line and meridian. The first two segments of a number designate the township and range (T. & R.), the third segment is the section number, followed by two letters which indicate the quarter-section, and the square tract (see, 2nd ed.). Quarter sections are lettered A, B, C, and D in counter-clockwise order from the northeast quarter. The square tracts are lettered in the same manner.

6	5	4	3	2
7	8	9	10	11
12	13	14	15	16
17	18	19	20	21
22	23	24	25	26
27	28	29	30	31
32	33	34	35	36

T. 15 S

EXPLANATION



INDEX MAP

